

AMENDMENTS TO THE SPECIFICATION

Please replace paragraphs [0026] and [0027] with the following amended paragraphs:

[0026] Referring to FIG. 5, a time period Δt_1 is a period for preheating the drying object, a time period Δt_2 is a period during which the drying object is substantially dried at a peak drying temperature, and a time period Δt_3 is a period for high temperature drying that continues for a predetermined time after the peak drying temperature. Based on such a drying procedure, a laundry drier adopting the control method according to the present invention differentially drives the heater and motor drivers 260 and 270 for the preheating and peak drying temperature periods (Δt_1 and Δt_2) and for the high temperature drying period (Δt_3), according to whether a maximum drying temperature has been reached. As may be seen in Figure 5, in this embodiment, period Δt_1 , Δt_2 and Δt_3 refer to the large laundry load. Furthermore, as may be seen in Figure 5, the incidence of the three periods over the course of the drying procedure depends on the laundry load.

[0027] Specifically, a laundry drier adopting the control method according to the present invention determines a proper drying time by sensing the variation of the temperature per unit time as the drying procedure progresses as well as sensing any change in the temperature variation rate per unit time. The temperature variation rate per unit time, measured from the initiation of the drying procedure, decreases over time at a known rate, and after a predetermined time passes, the temperature variation rate per unit time increases when the drying object is nearly dry as indicated in Figure 5 at point A. This increase in temperature variation rate per unit time is used to calculate the remaining drying time and in turn an overall drying time. In accordance with one embodiment, this temperature variation rate may be 1°C per minute. In

other words, when a small laundry load is being dried, the drying time is reduced since the increase in the temperature variation rate per unit time occurs sooner than when a large laundry load is being dried, and vice versa.